

City of Chattanooga, TN
Personnel Class Specification

Class code 0758

FLSA: Non-Exempt

CLASSIFICATION TITLE: TRAFFIC CONSTRUCTION TECHNICIAN

PURPOSE OF CLASSIFICATION

The purpose of this classification is to perform skilled, semi-skilled, and manual work functions associated with operating heavy equipment, blasting rock with dynamite, and constructing concrete forms/base work for traffic signs, signal poles, and sidewalks.

ESSENTIAL FUNCTIONS

The following duties are normal for this position. These are not to be construed as exclusive or all-inclusive. Other duties may be required and assigned.

Drives/operates digger-derrick to drill holes in street, paint signal poles, and hang overhead signs.

Performs various general/manual work tasks associated with department projects, which may include fabricating and installing steel reinforcement cages, building concrete forms, pouring/finishing concrete, installing poles, painting signal poles, hanging overhead signs, cutting/welding metal, installing anchor bolts, shooting dynamite, blasting rock, excavating ground areas, digging holes, and lifting/moving heavy materials.

Operates a variety of machinery, equipment, and tools associated with department projects, which may include a digger-derrick, air compressor, jackhammer, generator, drill, acetylene tank/torch, welder, dynamite plunger, shovel, pick, concrete finishing tools, carpentry tools, painting tools, and mechanic tools.

Performs general cleaning/maintenance tasks necessary to keep vehicles, equipment, and tools in operable condition, which may include inspecting equipment, checking fluid levels, replacing fluids, lubricating equipment, replacing parts, cleaning equipment, and cleaning work areas; monitors equipment operations to maintain efficiency and safety; reports faulty equipment.

Utilizes precautionary safety equipment and monitors work environment to ensure safety of employees and other individuals.

Ensures availability of adequate equipment, dynamite, and other materials to conduct projects.

Prepares or completes various forms, correspondence, reports, trip sheets, and other documents.

Receives various forms, reports, work orders, blueprints, diagrams, maps, manuals, or other documentation; reviews, processes, forwards or retains as appropriate.

Communicates with supervisor, employees, other departments, contractors, the public, and other individuals as needed to coordinate work activities, review status of work, exchange information, or resolve problems.

Communicates via telephone and/or two-way radio; provides information and assistance; takes and relays messages or directs calls to appropriate personnel; returns calls as necessary.

ADDITIONAL FUNCTIONS

Assists electricians in building signal intersections; provides assistance to other employees or departments as needed.

Performs other related duties as required.

MINIMUM QUALIFICATIONS

High school diploma or GED; supplemented by 5 months previous experience and/or training involving concrete finishing, carpentry, painting, explosives, and heavy equipment operation; or any equivalent combination of education, training, and experience which provides the requisite knowledge, skills, and abilities for this job. Must possess and maintain a valid Tennessee Commercial Driver's License (CDL) including appropriate endorsement(s).

PERFORMANCE APTITUDES

Data Utilization: Requires the ability to calculate and/or tabulate data. Includes performing subsequent actions in relation to these computational operations.

Human Interaction: Requires the ability to exchange information for the purpose of clarifying details within well established policies, procedures and standards.

Equipment, Machinery, Tools, and Materials Utilization: Requires the ability to operate and control the actions of equipment, machinery, tools and/or materials requiring complex and rapid adjustments.

Verbal Aptitude: Requires the ability to utilize a wide variety of reference and descriptive data and information.

Mathematical Aptitude: Requires the ability to perform addition, subtraction, multiplication, and division; the ability to calculate decimals and percentages; the ability to utilize principles of fractions; and the ability to interpret graphs.

Functional Reasoning: Requires the ability to apply principles of rational systems; to interpret instructions furnished in written, oral, diagrammatic, or schedule form;

and to exercise independent judgment to adopt or modify methods and standards to meet variations in assigned objectives.

Situational Reasoning: Requires the ability to exercise judgment, decisiveness and creativity in situations involving evaluation of information against measurable or verifiable criteria.

ADA COMPLIANCE

Physical Ability: Tasks require the ability to exert moderate, though not constant physical effort, typically involving some combination of climbing and balancing, stooping, kneeling, crouching, and crawling, and which may involve some lifting, carrying, pushing and/or pulling of objects and materials of moderate weight (12-20 pounds).

Sensory Requirements: Some tasks require the ability to perceive and discriminate sounds, depth, texture, and visual cues or signals. Some tasks require the ability to communicate orally.

Environmental Factors: Performance of essential functions may require exposure to adverse environmental conditions, such as dirt, dust, pollen, odors, wetness, humidity, rain, fumes, temperature and noise extremes, machinery, vibrations, electric currents, traffic hazards, explosives, toxic agents, or violence.

Chattanooga, Tennessee, is an Equal Opportunity Employer. In compliance with the Americans with Disabilities Act, the City will provide reasonable accommodations to qualified individuals with disabilities and encourages both prospective and current employees to discuss potential accommodations with the employer.